

# Environmental Health Department

## Analytical Chemist



**Q: Does the job require a degree, certification, or both?**

**A: Yes. A Bachelor's degree in Biology, Chemistry, or Marine Science is required. Having a master's degree is preferred but not necessary.**

**Q: Is there any way to volunteer or shadow with this position?**

**A: Yes, to all of the above.**

**Q: Are there any internships that help to get this position?**

**A: Not at this time**

Environmental Health  
Department  
Analytical Chemist

Q: What does your average day look like?



A: I start my day by calibrating probes in the lab and preparing everything to receive water samples from the exhibits. Once the samples arrive, we analyze various parameters, including pH, alkalinity, ammonia, phosphates, and total residual oxidants. We record the results and distribute them to the different teams for analysis. Another aspect of my job is developing new ways to analyze pharmaceutical drugs in water, which are used to treat some of our animals.

Q: What path did you take to get to Georgia Aquarium?



A: I worked at a Research Center for eight years, where I participated in various research projects, including: A study on the potential first hydrogeological reserve in the Yucatan Peninsula, Detection of a pesticide in groundwater in the northeastern Yucatan Peninsula, Evaluation of water quality through the city distribution system in Cancún, Mexico, Occurrence of Pepper Mild Mottle Virus (PMMoV) in groundwater, and Water quality and management of captured rainwater

Q: What is your favorite part about working at Georgia Aquarium?



A: The people, the animals, and knowing that I'm helping, even if just a little, with the conservation of aquatic biodiversity



Thank You